

Best Manufacturing Practices Web Technologies

Status: Technical Success (Ongoing)

PROBLEM / OBJECTIVE

The Deputy Secretary of Defense issued a directive mandating the use of digital methodologies and products for program offices. To assist program offices in complying with this directive, the Best Manufacturing Practices Center of Excellence (BMPCOE) developed a Collaborative Work Environment (CWE) for increased communications efficiency. CWE is an integrated digital environment that provides a solution to DoD Program Executive Offices and other geographically dispersed organizations faced with coordinating and communicating program information among large numbers of contractors, suppliers, and government personnel. BMPCOE's mature, robust, highly leveraged CWE enables users to access and process a common set of documents regardless of user location or platform.

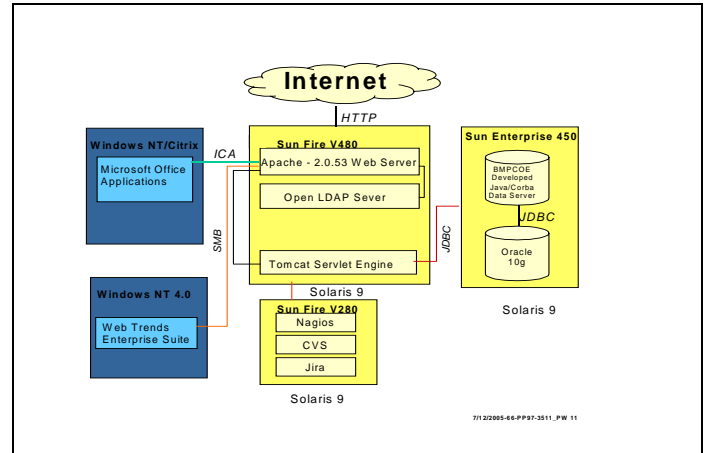
ACCOMPLISHMENTS / PAYOFF

Process Improvement:

BMPCOE's CWE has evolved to a fifth generation architecture. It now provides users with flexibility and ease in accessing the most current program information available on a timely basis. CWE features include a document repository, discussion threads, a calendar function, and a "what's new" function listing all new items posted since the user's last login. Recent CWE implementations include an improved hierarchical folder structure, security protocols, user interface and administration, and workflow/business process management. The database has also been upgraded to Oracle 10g. Continual technology refresh maintains the CWE as an innovative approach to traditional program management, and ensures greater access to program information for all team members.

Implementation and Technology Transfer:

CWE's open architecture provides increased efficiency to government organizations by leveraging the ONR technology resident in BMPCOE to minimize document staffing and to simplify dispersed communications requirements. Utilization of the BMPCOE CWE is progressively moving organizations toward a paperless environment.



CWE's Robust, Portable, and Expandable Architecture

Expected Benefits:

- Improved information flow
- Increased communication
- Real-time access to most current program information – anytime, anywhere
- Reduced administrative burden associated with managing and synthesizing reports

TIME LINE / MILESTONE

Start Date: October 1997

End Date: Ongoing, with continuous upgrades and improvements

FUNDING

Total ManTech Investment: \$2M (Shared among BMP's three core competencies: Surveys, Systems Engineering, and Web Technologies)

Cost Share: \$3.98M

PARTICIPANTS

- BMPCOE
- ONR
- PEOs (NAVSEA 452, IWS 3A, SM-2, SM-3)
- DFAS
- DAU
- DOC
- BATTMAN
- UOC
- MRLs